

Baskerville-Bridges, B, Lindberg, JC, Doroshov, SI. 2004. The effect of light intensity, alga concentration, and prey density on the feeding behavior of delta smelt larvae. *American Fisheries Society Symposium* 39:219-228.

Bennett, WA. 2005. Critical assessment of the delta smelt population in the San Francisco Estuary, California. *San Francisco Estuary and Watershed Science*
3:<http://repositories.cdlib.org/jmie/sfews/vol3/iss2/art1>.

Bennett, W.A., W.J. Kimmerer, and J.R. Burau. 2002. Plasticity in vertical migration by native and exotic estuarine fishes in a dynamic low-salinity zone. *Limnology and Oceanography* 4686
47:1496–1507.

Bennett, W.A. and P.B. Moyle. 1996. Where have all the fishes gone? Interactive factors 4688
producing fish declines in the Sacramento San Joaquin Estuary. Pages 519–542 in J.T. 4689
Hollibaugh, editor, *San Francisco Bay: The Ecosystem*. American Association for the 4690
Advancement of Science, San Francisco. 4691

Bennett, W.A., D.J. Ostrach, and D.E. Hinton. 1995. Larval striped bass condition in a drought-stricken estuary: evaluating pelagic food web limitation. *Ecological Applications* 5:680–692.

Bennett, WA, Hobbs, JA, Teh, S. 2008. Interplay of environmental forcing and growth-selective mortality in the poor year-class success of delta smelt in 2005. Final Report to the Interagency Ecological Program.

Cohen, SE, Bollens, SM. 2008. Diet and growth of non-native Mississippi silversides and yellowfin gobies in restored and natural wetlands in the San Francisco Estuary. *Marine Ecology Progress Series* 368:241-254. ☺ This paper is from the Napa River and isn't explicitly a LSZ paper, but it has relevance for understanding what to expect by putting marshes/wetlands back into the local estuarine equation.

Contra Costa Water District. 2010. Historical fresh water and salinity conditions in the western Sacramento-San Joaquin Delta and Suisun Bay, a summary of historical reviews, reports, analyses and measurements. Water Resources Department, Contra Costa Water District, Concord, California. Technical Memorandum WR10-001.

Dege, M., and L. R. Brown. 2004. Effect of outflow on spring and summertime distribution and abundance of larval and juvenile fishes in the upper San Francisco Estuary. Pages 49-65 in F. Feyrer, L. R. Brown, R. L. Brown, and J. J. Orsi, editors. *Early life history of fishes in the San Francisco Estuary and watershed*, 39 edition. American Fisheries Society, Bethesda, Maryland.

Dugdale, RC, Wilkerson, FP, Hogue, VE, Marchi, A. 2007. The role of ammonium and nitrate in spring bloom development in San Francisco Bay. *Estuarine, Coastal, and Shelf Science* 73:17-29.

Enright, C., and S. D. Culbertson. 2009. Salinity trends, variability, and control in the northern reach of the San Francisco Estuary. *San Francisco Estuary and Watershed Science*, 7(2).

Feyrer, F, Nobriga, ML, Sommer, TR. 2007. Multi-decadal trends for three declining fish species: habitat patterns and mechanisms in the San Francisco Estuary, California, USA. *Canadian Journal of Fisheries and Aquatic Sciences* 64:723-734.

Feyrer, F, Newman, K, Nobriga, M, Sommer, T. 2010. Modeling the effects of future freshwater flow on the abiotic habitat of an imperiled estuarine fish. *Estuaries and Coasts* 34:120-128.

Hobbs, JA, Bennett, WA, Burton. 2006. Assessing nursery habitat quality for native smelts (Osmeridae) in the low-salinity zone of the San Francisco estuary. *Journal of Fish Biology* 69:907-922.

Hobbs, JA, Lewis, LS, Ikemiyagi, N, Sommer, T, Baxter, RD. 2010. The use of otolith strontium isotopes ($^{87}\text{Sr}/^{86}\text{Sr}$) to identify nursery habitat for a threatened estuarine fish. *Environmental Biology of Fishes* 89:557-569. ☺ This paper isn't based on a lot of data, so it's kinda preliminary, but it has important fish habitat implications for the LSZ.

Jassby, AD, Cloern, JE, Cole, BE. 2002. Annual primary production: patterns and mechanisms of change in a nutrient-rich tidal ecosystem. *Limnology and Oceanography* 47:698-712.

Jassby, AD, Kimmerer, WJ, Monismith, SG, Armor, C, Cloern, JE, Powell, TM, Schubel, JR, Vendlinski, TJ. 1995. Isohaline position as a habitat indicator for estuarine populations. *Ecological Applications* 5:272-289.

Kimmerer, WJ. 2004. Open-water processes of the San Francisco Estuary: from physical forcing to biological responses. *San Francisco Estuary and Watershed Science* 2: <http://repositories.cdlib.org/jmie/sfews/vol2/iss1/art1>.

Kimmerer, W. J. 2002a. Physical, biological, and management responses to variable freshwater flow into the San Francisco Estuary. *Estuaries* 25: 1275–1290.

Kimmerer, W.J. 2002b. Effects of freshwater flow on abundance of estuarine organisms: physical effects or trophic linkages. *Marine Ecology Progress Series* 243:39–55.

Kimmerer, W. J., E. S. Gross, and M. L. MacWilliams. 2009. Is the response of estuarine nekton to freshwater flow in the San Francisco Estuary explained by variation in habitat volume? *Estuaries and Coasts* 32:375-389.

Kimmerer, WJ, Orsi, JJ. 1996. Changes in the zooplankton of the San Francisco Bay estuary since the introduction of the clam *Potamocorbula amurensis*. Pages 403-423 in Hollibaugh, JT (ed), *San Francisco Bay: the ecosystem*. American Association for the Advancement of Science.

Kimmerer, W. and M. Nobriga. 2008. Investigating dispersal in the Sacramento-San Joaquin Delta using a particle tracking model. *San Francisco Estuary and Watershed Science*. Vol. 6, Issue 1, Article 4.

Lehman, P.W. 2000. Phytoplankton Biomass, Cell Diameter, and Species Composition

in the Low Salinity Zone of Northern San Francisco Bay Estuary: Estuaries Vol. 23, No. 2, p. 216–230 *

Lucas, L.V., and Cloern, J.E., 2002, Effects of tidal shallowing and deepening on phytoplankton dynamics: a modeling study: Estuaries, v. 25, p. 497-507.

McManus, G.B., J.K. York and W.J. Kimmerer. 2008. Miczooplankton dynamics in the low salinity zone of the San Francisco Estuary. Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie 30:198–202. 5255

Mac Nally, R, Thompson, JR, Kimmerer, WJ, Feyrer, F, Newman, KB, Sih, A, Bennett, WA, Brown, L, Fleishman, E, Culberson, SD, Castillo, G. 2010. An analysis of pelagic species decline in the upper San Francisco Estuary using multivariate autoregressive modelling (MAR). Ecological Applications 20: 1417-1430.

Manly, B.J.F. and M.A. Chotkowski. 2006. Two new methods for regime change analysis. Archiv für Hydrobiologie 167:593–607.

Nobriga, ML. 2002. Larval delta smelt diet composition and feeding incidence: environmental and ontogenetic influences. California Fish and Game 88:149-164.

Nobriga, ML, Sommer, TR, Feyrer, F, Fleming, K. 2008. Long-term trends in summertime habitat suitability for delta smelt, *Hypomesus transpacificus*. San Francisco Estuary and Watershed Science 6: <http://repositories.cdlib.org/jmie/sfews/vol6/iss1/art1>.

Ruhl, C.A., and Schoellhamer, D.H., 2004, Spatial and Temporal Variability of Suspended-Sediment Concentrations in a Shallow Estuarine Environment: San Francisco Estuary and Watershed Science. v. 2, no. 2, article 1.
<http://repositories.cdlib.org/jmie/sfews/vol2/iss2/art1>

Schoellhamer, D.H., 2001, Influence of salinity, bottom topography, and tides on locations of estuarine turbidity maxima in northern San Francisco Bay, in McAnally, W.H. and Mehta, A.J., ed., Coastal and Estuarine Fine Sediment Transport Processes: Elsevier Science B.V., p. 343-357. URL: [http:// ca.water.usgs.gov/abstract/sfbay/elsevier0102.pdf](http://ca.water.usgs.gov/abstract/sfbay/elsevier0102.pdf)

Schoellhamer, DH. 2011. Sudden clearing of estuarine waters upon crossing the threshold from transport to supply regulation of sediment transport as an erodible sediment pool is depleted: San Francisco Bay, 1999. Estuaries and Coasts 35: DOI 10.1007/s12237-011-9382-x.

Schoellhamer, D.H., and Burau, J.R., 1998, Summary of findings about circulation and the estuarine turbidity maximum in Suisun Bay, California, U.S. Geological Survey Fact Sheet FS-047-98, 6 p. <http://sfbay.wr.usgs.gov/sediment/circulation/>

Schoellhamer, D.H., Wright, S.A., and Drexler, J.Z., in press, Conceptual Model of Sedimentation in the Sacramento – San Joaquin River Delta: San Francisco Estuary and Watershed Science.

Sommer, T., C. Armor, R. Baxter, R. Breuer, L. Brown, M. Chotkowski, S. Culberson, F. Feyrer,

5445 M. Gingras, B. Herbold, W. Kimmerer, A. Mueller-Solger, M. Nobriga, and K. Souza. 2007. 5446 The collapse of pelagic fishes in the upper San Francisco Estuary. *Fisheries* 32(6):270–277. Sweetnam, DA. 1999. Status of delta smelt in the Sacramento-San Joaquin Estuary. *California Fish and Game* 85:22-27.

Stacey, M.T., Brennan, M.L., Burau, J.R., and Monismith, S.G., 2010, The tidally averaged momentum balance in a partially and periodically stratified estuary: *Journal of Physical Oceanography*, v. 40, no. 11, p. 2418-2434.

Thomson, JR, Kimmerer, WJ, Brown, LR, Newman, KB, Mac Nally, R, Bennett, WA, Feyrer, F, Fleishman, E. 2010. Bayesian change-point analysis of abundance trends for pelagic fishes in the upper San Francisco Estuary. *Ecological Applications* 20: 1431-1448.

Warner, J.C., Schoellhamer, D.H., Ruhl, C.A., and Burau, J.R., 2004, Floodtide pulses after low tides in shallow subembayments adjacent to deep channels: *Estuarine, Coastal and Shelf Science*, v. 60, no. 2, p. 213-228.